

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/1568581

INTERNATIONAL APPLICATION NO.  
PCT/EP04/09223INTERNATIONAL FILING DATE  
August 17, 2004PRIORITY DATE CLAIMED  
August 18, 2003

## TITLE OF INVENTION

METHOD FOR DETECTING THE MODIFICATION OF A CHARACTERISTIC OF A SAMPLE  
CAUSED BY AN ENVIRONMENTAL INFLUENCE

## APPLICANT(S) FOR DO/EO/US

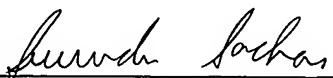
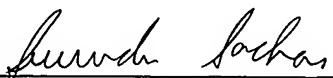
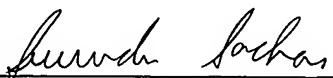
Ruediger SENS, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))
  - a.  If the declaration is in a language other than the English language, it is accompanied by an English translation. The translation is accurate (37 CFR 1.69)
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  - a.  PTO-1449
  - b.  Cited References 3
  - c.  Statement of Relevancy
  - d.  List of Related Cases.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  An Application Data Sheet under 37 CFR 1.76.
18.  A substitute specification.
19.  A power of attorney and/or change of address letter.
20.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
21.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
22.  A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
23.  Other items or information: Notice of Priority, PCT/IB/304, Drawings (9 Sheets), PCT/IB/308

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <i>5011563584</i>		INTERNATIONAL APPLICATION NO. PCT/EP04/09223		ATTORNEY'S DOCKET NUMBER 285229US2PCT																																																																																																																																																																									
<p>The following fees are submitted:</p> <table border="1"> <tr> <td colspan="2">24. <input checked="" type="checkbox"/> Basic national fee.....</td> <td>\$300</td> <td colspan="3">CALCULATIONS PTO USE ONLY</td> </tr> <tr> <td colspan="2"></td> <td>\$300.00</td> <td colspan="3"></td> </tr> <tr> <td colspan="2">25. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... \$0 All other situations.....</td> <td>\$200</td> <td colspan="3"></td> </tr> <tr> <td colspan="2"></td> <td>\$200.00</td> <td colspan="3"></td> </tr> <tr> <td colspan="2">26. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations.....</td> <td>\$500</td> <td colspan="3"></td> </tr> <tr> <td colspan="2"></td> <td>\$400.00</td> <td colspan="3"></td> </tr> <tr> <td colspan="4"><b>TOTAL OF 24, 25 AND 26 =</b></td> <td>\$900.00</td> <td></td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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Spivak</b> NAME  <b>Surinder Sachar</b> Registration No. 34,423  <b>24,913</b> REGISTRATION NUMBER         </td> </tr> </table>						24. <input checked="" type="checkbox"/> Basic national fee.....		\$300	CALCULATIONS PTO USE ONLY					\$300.00				25. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... \$0 All other situations.....		\$200						\$200.00				26. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations.....		\$500						\$400.00				<b>TOTAL OF 24, 25 AND 26 =</b>				\$900.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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44-268584  
17 FEB 2006

Docket No. 285229US2PCT

IN RE APPLICATION OF: Ruediger SENS, et al.

SERIAL NO: NEW U.S PCT APPLICATION (based on PCT/EP04/09223)

FILED: HEREWITH

FOR: METHOD FOR DETECTING THE MODIFICATION OF A CHARACTERISTIC OF A SAMPLE CAUSED BY AN ENVIRONMENTAL INFLUENCE

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required

Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.

Additional documents filed herewith: English Translation of Specification/Declaration/Application Data Sheet  
Notice of Priority/Credit Card Payment Form for \$1800.00/Drawings (9 Sheets)  
PCT Transmittal Letter/Preliminary Amendment/PCT/IB/304/PCT/IB/308  
Information Disclosure Statement/PTO-1449/Cited References (3)  
International Search Report

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	38	MINUS	38	0	x \$50 =	\$0.00
INDEPENDENT	1	MINUS	3	0	x \$200 =	\$0.00
APPLICATION SIZE		MINUS	100	0 (each addtl. 50 sheets)	x \$250 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		+ \$360 =		\$0.00
						\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
					TOTAL	\$0.00

A check in the amount of \$0.00 is attached.

Credit card payment form is attached to cover the fees in the amount of \$0.00

Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

*Surinder Sachar*

Marvin J. Spivak  
Registration No. 24,913

Customer Number

22850

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(OSMMN 05/03)

Surinder Sachar  
Registration No. 34,423